

## CLAIMS

What is claimed is:

- 1        1.    A robot system, comprising:  
2        a robot that has a camera that captures a video image;  
3        a remote station that has a monitor that displays the  
4 video image, and an input system that allows a consultant  
5 to generate consultant information and robot movement  
6 commands that are transmitted to said robot.
  
- 1        2.    The system of claim 1, wherein said consultant  
2 information includes instructions to a person that is  
3 displayed in the video image.
  
- 1        3.    The system of claim 1, wherein said robot includes  
2 a speaker that regenerates said consultant information.
  
- 1        4.    The system of claim 1, wherein said robot has a  
2 microphone, and said remote station includes a speaker that  
3 receives a sound from said microphone.

1           5.    The system of claim 1, wherein said robot includes  
2   a monitor and a speaker, and said remote station includes a  
3   camera and a microphone.

1           6.    The system of claim 1, wherein said robot includes  
2   a mobile platform that provides three degrees of freedom.

1           7.    The system of claim 1, further comprising a base  
2   station wirelessly coupled to said robot.

1           8.    A robot system, comprising:  
2           a robot that has a camera that captures a video image;  
3           remote station means for displaying the video image and  
4   for allowing a consultant to generate consultant  
5   information and robot movement commands that are  
6   transmitted to said robot.

1           9.    The system of claim 8, wherein said consultant  
2   information includes instructions to a person that is  
3   displayed in the video image.

1           10.   The system of claim 8, wherein said robot includes  
2   a speaker that regenerates said consultant information.

1        11. The system of claim 8, wherein said robot has a  
2 microphone, and said remote station means includes a  
3 speaker that receives a sound from said microphone.

1        12. The system of claim 8, wherein said robot includes  
2 a monitor and a speaker, and said remote station includes a  
3 camera and a microphone.

1        13. The system of claim 8, wherein said robot includes  
2 a mobile platform that provides three degrees of freedom.

1        14. The system of claim 8, further comprising a base  
2 station wirelessly coupled to said robot.

1        15. A robot system, comprising:  
2 a broadband network;  
3 a robot that is coupled to said broadband network and  
4 has a camera that captures a video image;  
5 a remote station that is coupled to said broadband  
6 network, said remote station has a monitor that displays  
7 the video image, and an input system that allows a

8 consultant to generate consultant information and robot  
9 movement commands that is transmitted to said robot.

1 16. The system of claim 15, wherein said consultant  
2 information includes instructions to a person that is  
3 displayed in the video image.

1 17. The system of claim 15, wherein said robot  
2 includes a speaker that regenerates said consultant  
3 information.

1 18. The system of claim 15, wherein said robot has a  
2 microphone, and said remote station includes a speaker that  
3 receives a sound from said microphone.

1 19. The system of claim 15, wherein said robot  
2 includes a monitor and a speaker, and said remote station  
3 includes a camera and a microphone.

1 20. The system of claim 15, wherein said robot  
2 includes a mobile platform that provides three degrees of  
3 freedom.

1        21. The system of claim 15, further comprising a base  
2 station coupled to said broadband network and wirelessly  
3 coupled to said robot.

1        22. A robot system, comprising:  
2        a broadband network;  
3        a robot that is coupled to said broadband network and  
4 has a camera that captures a video image;  
5        remote station means for displaying the video image and  
6 for allowing a consultant to generate consultant  
7 information and robot movement commands that are  
8 transmitted to said robot through said broadband network.

1        23. The system of claim 22, wherein said consultant  
2 information includes instructions to a person that is  
3 displayed in the video image.

1        24. The system of claim 22, wherein said robot  
2 includes a speaker that regenerates said consultant  
3 information.

1        25. The system of claim 22, wherein said robot has a  
2 microphone, and said remote station means includes a  
3 speaker that receives a sound from said microphone.

1        26. The system of claim 22, wherein said robot  
2 includes a monitor and a speaker, and said remote station  
3 includes a camera and a microphone.

1        27. The system of claim 22, wherein said robot  
2 includes a platform that provides three degrees of freedom.

1        28. The system of claim 22, further comprising a base  
2 station that is coupled to said broadband network and  
3 wirelessly coupled to said robot.

1        29. A method for providing consulting services through  
2 a remote robot, comprising:

3        viewing at a remote station a video image of a person  
4 located in view of a robot;

5        generating consultant information;

6        transmitting the consultant information to the robot;

7        conveying the consultant information through the robot;

8           generating a robot movement command at the remote  
9   station;  
10         transmitting the robot movement command to the robot;  
11   and,  
12         moving the robot in response to the robot movement  
13   command.

1         30. The method of claim 29, wherein the consultant  
2   information includes instructions.

1         31. The method of claim 29, wherein the consultant  
2   information is conveyed by regenerating the consultant  
3   information through a speaker of the robot.

1         32. The method of claim 29, wherein the robot is moved  
2   about a residential care facility.